

What is Claim d is:

- 5 1. A process for the production of cyclic ester oligomers, comprising carrying out in a continuous manner the steps of:
- (iii) contacting linear ester oligomers dissolved in a solvent with an enzyme to generate a solution enriched in cyclic ester oligomers, and
- (iv) separating the cyclic ester oligomers from the solution.
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2. The process of Claim 1 wherein a recirculating reactor is used to produce the cyclic ester oligomers.
- 15 3. The process of Claim 1 wherein a linear reactor is used to produce the cyclic ester oligomers.
4. The process of Claim 1 wherein the linear ester oligomers are derived from diols of the formula $\text{HO}((\text{CH}_2)_p\text{O})_r\text{H}$, where p is 2-10 and r is 1-5, and dimethyl
- 20 terephthalate.
5. The process of Claim 1 wherein the linear ester oligomers are derived from diols of the formula $\text{HO}((\text{CH}_2)_p\text{O})_r\text{H}$, where p is 2-15 and r is 1-10, and dimethyl terephthalate.
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6. The process of Claim 1 wherein the linear ester oligomers have a degree of polymerization of about 1 to about 20.
7. The process of Claim 1 wherein the enzyme is at least one lipase, protease, and/or esterase.
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8. The process of Claim 1 wherein the cyclic ester oligomers are separated from the solution by precipitation.
- 35 9. The process of Claim 1 wherein the cyclic ester oligomers are separated from the solution by extraction.

10. The process of Claim 1 where the cyclic ester oligomers are separated from the solution by evaporation.

5 11. The process of Claim 1 where the cyclic ester oligomers are separated from the solution by crystallization.

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